

## Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. \_\_\_\_\_

ASB Referral Date \_\_\_\_\_

Referred by \_\_\_\_\_

Name of Applicant

ALLEGHENY COMMUNICATIONS GROUP, INC.

Call letters (if issued)

Is this application being filed in response to a window? ☐ Yes ☒ No

If Yes, specify closing date: \_\_\_\_\_

Purpose of Application: (check appropriate boxes).

☒ Construct a new (main) facility☐ Construct a new auxiliary facility☐ Modify existing construction permit for main facility☐ Modify existing construction permit for auxiliary facility☐ Modify licensed main facility☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☐ Antenna supporting-structure height☐ Effective radiated power☐ Antenna height above average terrain☐ Frequency☐ Antenna location☐ Class☐ Main Studio location☐ Other (Summarize briefly)

File Number(s) \_\_\_\_\_

## 1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
229	PITTSBURGH	PITTSBURGH	PA

Class (check only one box below)

☐ A ☐ B1 ☒ B ☐ C3☐ C2 ☐ C1 ☐ C

## 2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark. Approximately 0.7 km East of the intersection of Ivory Avenue and East Street near Pittsburgh, Pennsylvania.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	40°	29'	49"	Longitude	80°	00'	17"
----------	-----	-----	-----	-----------	-----	-----	-----

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both.

NOT APPLICABLE

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

NOT APPLICABLE

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	°	'	"	Longitude	°	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☐ Yes ☒ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.  
N/A

Date \_\_\_\_\_ Office where filed \_\_\_\_\_

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	NONE		
(b)			

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level;

400.8 meters

(2) of the antenna structure above mean sea level: 72.5

10. Is a directional antenna proposed?

☒ Yes ☐ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.816, including plot(s) and tabulations of the relative field.

Exhibit No.  
SEE

ENGINEERING

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.815(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 8.16 mV/m service.

Exhibit No.  
N/A

12. Will the main studio be within the protected 8.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.  
N/A

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☒ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

☒ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.  
SEE

ENGINEERING

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.  
N/A

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.  
SEE

ENGINEERING

(1) Protected and interfering contours, in all directions (360°), for the proposed operation.

(2) Protected and interfering contours, over pertinent areas, of all short-spaced assignments, applications and allotments including a plot showing each transmitter location, with

15. Attach as an Exhibit a 75 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.  
SEE

ENGINEERING

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers: 1:500,000 sectional aeronautical chart

Exhibit No.  
SEE

ENGINEERING

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 316 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 259 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 7,877.6 sq. km.

Population 2,398,677

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒ Linearly interpolated 90-second database

☐ 75 minute topographic map

(Source: NGDC- E D X ENGINEERING)

☐ Other *(briefly summarize)*

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km (meters)	Predicted Distances	
		To the 316 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
177	161.8	32.7	52.4
0	114.6	28.0	45.9
45	130.5	26.8	44.4
90	177.8	28.5	47.2
135	188.9	35.3	55.1
180	159.1	32.5	52.1
225	180.5	34.6	54.4
270	185.7	33.6	53.3
315	123.0	28.8	47.1

\*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

## 20. Environmental Statement/See 47 C.F.R. Section 1.1301 et seq./

Would a Commission grant of this application come within Section 11807 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 11811.

Exhibit No.  
N/A

If No, explain briefly why not.

SEE ENGINEERING

## CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation.

**ENGINEERING STATEMENT COVERING  
APPLICATION FOR CONSTRUCTION PERMIT  
FOR ALLEGHENY COMMUNICATIONS GROUP, INC.**

**CHANNEL 229B 93.7 mHz  
43.5 kW MAX.(DA) @ 157.5 METERS HAAT  
PITTSBURGH, PENNSYLVANIA**

**JUNE, 1991**

**SUMMARY**

This statement covers an Application for Construction Permit for a new FM broadcast station at Pittsburgh, Pennsylvania to operate on Channel 229B. It is requested that this application be treated as a competing application to the license renewal of FM station WBZZ, currently operating on Channel 229B, 93.7 mHz, at Pittsburgh, Pennsylvania, File No. BLH-6784.

The firm of *Communications Technologies, Inc.*, has been retained by **Allegheny Communications Group, Inc. ("Allegheny")**, to prepare the engineering portion of the instant Application for Construction Permit. Details of the FM operation, as proposed, are included within this report.

**TRANSMITTER SITE**

The proposed Allegheny transmitter site is located approximately 0.7 km East of the intersection of Ivory Avenue and East Street near Pittsburgh, Pennsylvania. The coordinates and elevation of the site were determined to be:

NORTH LATITUDE:	40° 29' 49"
WEST LONGITUDE:	80° 00' 17"
ELEVATION:	400.8 meters AMSL (See <u>Figure 1</u> )

In accordance with *FCC Rules and Regulations*, an allocation study has been conducted for the proposed site location and is submitted herein as Table IV. WBZZ-FM, the facility on whose license renewal this application is being filed, was licensed and operating prior to November 16, 1964. As such, grandfathered short spacing exists between WBZZ-FM and WQIO-FM, Channel 229B, Mt. Vernon, Ohio. *Section 73.213* of the Commission's Rules has been employed

in addressing this existing short spacing. Figure 5 depicts the proposed Allegheny and licensed WBZZ 60 dBu contours. A reduction in the maximum ERP from the proposed facility, at appropriate bearings, has been employed so that the predicted 1 mV/m contour will not exceed the licensed WBZZ 1 mV/m contour on any bearing toward WQIO. It is, therefore, believed that the proposed Allegheny facility demonstrates complete compliance with *Section 73.213(a)* with respect to this grandfathered short spacing.

Additionally, it is requested that a newly created short spacing of 1.8 km to the proposed operation of WQYX-FM, Clearfield, Pennsylvania be processed under the provision of *Section 73.215* of the Rules. WQYX has been ordered to Channel 230B1 per MM Docket No. 88-496. Maximum Class B1 facilities of 25 kW at 100 meters HAAT have been assumed with respect to WQYX. Applicant proposes the use of a directional antenna pattern with a null towards WQYX in order to remove the possibility of received interference by the facility proposed herein. Figure 4 depicts the lack of prohibited overlap between the proposed Allegheny and WQYX facilities.

#### **OTHER EXISTING OR PROPOSED FACILITIES**

This statement is in response to *Question 14 of FCC Form 301, Section V-B*. There are no known FM or TV transmitters, nor any other facility of the type referenced in Question 14 within 60 meters of the proposed site. The following FM facilities are located within 10 km of the site proposed herein:

WMXP	- Channel 264B, New Kensington, PA
WEZE	- Channel 284B, Pittsburgh, PA
WLTJ	- Channel 225B, Pittsburgh, PA
WDVE	- Channel 273B, Pittsburgh, PA
WPIT	- Channel 268B, Pittsburgh, PA
WAMO	- Channel 290B, Pittsburgh, PA
WDSY	- Channel 300B, Pittsburgh, PA

WWSW - Channel 233B, Pittsburgh, PA  
WSHH - Channel 259B, Pittsburgh, PA  
WQED - Channel 207B, Pittsburgh, PA  
WDUQ - Channel 213B, Pittsburgh, PA  
WRCT - Channel 202A, Pittsburgh, PA

Additionally, the following TV facilities, all licensed to Pittsburgh, PA, are located within 10 km of the proposed Allegheny site: WPGH, KDKA, WPXI, WQED and WQEX.

WBZZ-FM has not been included in the above tabulation. Based on the fact that the above listed facilities have been operating thus far in conjunction with the operation of WBZZ, and the existing WBZZ site and proposed Allegheny sites are only 6.5 km apart, receiver induced intermodulation interference is not anticipated.

If, however, any adverse effect should be caused by the applicant's proposed operation to any station of the type referenced in the preceding paragraph, remedial steps of accepted standards of good engineering practice shall be taken to alleviate any undesirable interference.

Applicant hereby certifies that it shall accept full and complete responsibility for the elimination of any objectionable effect on existing stations caused by the facility proposed by this application.

#### **ANTENNA AND SUPPORTING STRUCTURE**

The antenna proposed is an ERI DA-1005-3-bay, directional antenna. This antenna has an RMS power gain of 1.559 in both the horizontal and vertical planes. The antenna will be side mounted on the existing 73.5 meter tower. The center of radiation is 61.0 meters above grade level and 157.5 meters above average terrain. Null fill and beam tilt are not employed.

Figure 3 is a vertical plan sketch of the tower and proposed antenna system.



### **TRANSMITTER POWER OUTPUT AND TRANSMISSION LINE**

The applicant proposes the use of a Harris HT30FM transmitter. The transmitter rated power output is 30 kW and will be operated at a power output of 29.842 kW based on the data herein. The actual TPO will be adjusted to reflect the antenna manufacturer's peak gain for the measured pattern. This amount of power, considering transmission line loss and antenna power gain, results in an effective maximum radiated power of 43.5 kW for both the horizontal and vertical planes.

A 275 foot length of 3 1/2" pressurized coaxial transmission line will be used between the transmitter and antenna. This line, *Cablewave Type HCC 312-50J*, has a rated efficiency of 93.5% at the specified operating frequency.

### **TOPOGRAPHY**

The average elevation of the terrain between 3 and 16 kilometers from the antenna site has been determined utilizing the latest version of the National Geophysical Data Center's thirty second point topography data base (*NGDC 30*). A Linear interpolation method is used to obtain intermediate points along each radial. The method used conforms to the linear interpolation method specified by the *FCC in Public Notice # 3736, FCC 84-341*, dated July 13, 1984.

The average elevation of 360 radials, at 1° increments, has been computed in order to most accurately plot the coverage and interference contours of the proposed and involved facilities. For the sake of brevity, a tabulation has been included in this statement at 10° intervals except over the null areas of the directionalized pattern, where appropriate bearings have been utilized. Data applicable to the eight cardinal radials is tabulated on *Section V-B of Form 301, Page 5. Table III* includes additional data as described above.

### **COVERAGE AREAS**

Figure 2 is a sectional aeronautical chart on which has been drawn the proposed 70 dBu and 60 dBu contours from the proposed site location. Population and square kilometer area for the site are also shown on Figure 2. A 7 1/2 minute topographical map and census map were used to define the corporate boundaries of Pittsburgh.

A polar planimeter was used to measure the total land area within the proposed 60 dBu contour. The population within this area was calculated utilizing a computer program of known accuracy and repeatability. Population data is based on corrected 1980 United States Census figures for the states of Pennsylvania, New York, Ohio and West Virginia. These contours have been delineated on the basis of directional radiation, topography data as listed herein, and Figure 1 of FCC Section 73.333.

### **ENVIRONMENTAL IMPACT STATEMENT**

This statement is made in response to *Question 20 of FCC Form 301, Section V-B*. Allegheny proposes to side mount a 3-bay, ring type antenna on an existing structure with an overall height above ground of 73.5 meters. The tower is FAA code painted and lighted.

**EXHIBIT 4**

In addition to the \$1,200,000 in stockholder loans set forth in Section III for construction and first three months operating costs, the applicant's stockholders have committed \$400,000 in capital contributions for pre-grant prosecution expenses, as set forth in the stock subscription and Stockholder's Agreement contained in Exhibit 1 hereto.

**EXHIBIT 5**

The applicant will broadcast programming which addresses the needs and interests of the service area, including such illustrative areas of issues as health care, drug and alcohol abuse, education, crime, teen pregnancy, the homeless, the economy and the environment. The programming addressing such topics will be news, public affairs, and informational.

## EXHIBIT 6

Herbert E. Long, III will be the Business Manager of the proposed station, working in that capacity full-time, i.e., a minimum of forty hours per week. To effectuate this commitment, Mr. Long will relocate his residence to Pittsburgh, PA. As Business Manager, Mr. Long will supervise all financial aspects of the station's operation, including budget and financial planning, the sales and promotion staff, and the accounting staff. He will also supervise the station's Equal Employment Opportunity Program. Mr. Long will also advise and consult with the General Manager as to programming policies and decisions. Enhancement credit will be sought for Mr. Long's proposed local residence and his minority status as an Afro-American.

As President of the applicant corporation, Herbert E. Long, Jr. will devote time to general oversight in the construction, staffing, and operation of the station and while such time may be substantial, particularly in the initial phases of construction and operation, it is not believed that such time would average twenty hours per week over an extended period of time. Should Commission policy permit integration credit for such activity, the applicant will claim such credit for Herbert E. Long, Jr. and enhancement credit for his minority status as an Afro-American.

instruments as shall be necessary to effect such substitution, and the payment by the transferee of all reasonable expenses, including legal fees incurred by the Corporation in connection with his becoming a Stockholder.

(c) No sale, transfer, assignment or conveyance of a Corporate Interest shall be made without the prior consent of the Federal Communications Commission, if required by the statutes, rules or regulations of that agency.

10. Books and Records. At all times during the existence and continuance of this Corporation, the Treasurer shall keep or cause to be kept true and accurate books of account. Such books of account shall be maintained in accordance with the income tax accounting methods used by the Corporation and in accordance with Delaware law.

11. Bank Accounts. The officers shall open and maintain a bank account or accounts in which there shall be deposited corporate funds and the Corporation shall use such funds solely for its business. Withdrawals from any such corporate bank account shall be made only upon the signature of such officer or officers as the Directors may, from time to time, designate.

12. Notices. The address of each of the Stockholders for all purposes shall be as set forth in Section 7 above or in any notice of a change of address

submitted in writing to the Corporation.

13. Amendments. All amendments of this Agreement must be approved and signed by Stockholders holding in the aggregate 51% of the ownership interests of the Corporation.

14. Miscellaneous.

a. This Agreement may be signed in counterparts and shall have the same force and effect as if all parties executed one document.

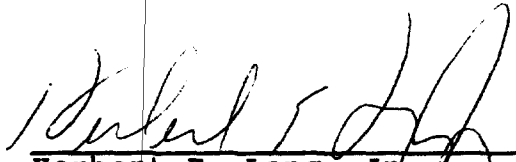
b. This Agreement cannot be amended except in writing in accordance with the terms and provisions of this Agreement.

c. Except as otherwise set forth herein this Agreement shall be binding upon and shall inure to the benefit of the Stockholders, their estates, heirs, personal representatives, successors, and assigns.

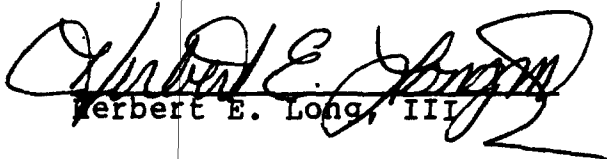
d. This Agreement and all amendments thereto shall be governed by the laws of the State of Delaware.

15. The parties desire and intend that this Stockholder Agreement fulfill all requirements of the Federal Communications Commission (FCC) for any ownership, comparative, or other purpose. Accordingly, it is intended that this Agreement be construed to meet all such FCC requirements, and that said requirements shall supercede any provision herein deemed to be inconsistent therewith or which impair in any way said FCC requirements.

IN WITNESS WHEREOF, the following parties hereby  
execute this Agreement.

  
Herbert E. Long, Jr.

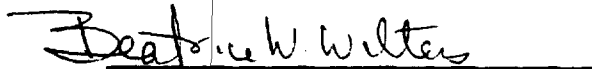
William E. Floyd

  
Herbert E. Long, III

Hazel M. Floyd

  
Lorraine H. Brown

Alicia Perkins

  
Beatrice W. Walters

Odessa Floyd

Diane J. Duggin

James Floyd, Sr.

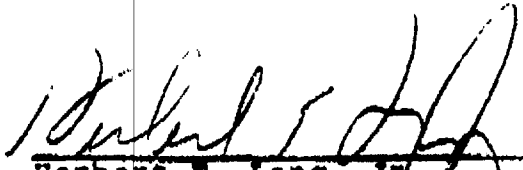
Eldridge Smith

William Thompson

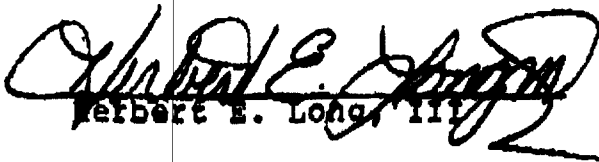
Nicholas Perkins



IN WITNESS WHEREOF, the following parties hereby  
execute this Agreement.

  
Herbert E. Long, Jr.


William E. Floyd

  
Herbert E. Long, III

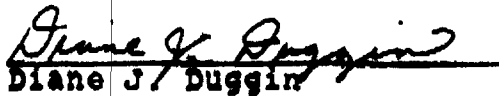
Hazel M. Floyd

  
Lorraine E. Brown

Alicia Perkins

  
Beatrice W. Walters

Odessa Floyd

  
Diane J. Duggin

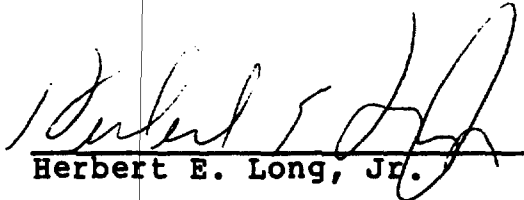
James Floyd, Sr.

Eldridge Smith

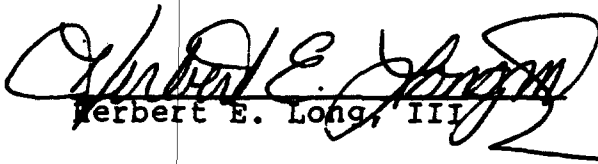
William Thompson

Nicholas Perkins

IN WITNESS WHEREOF, the following parties hereby  
execute this Agreement.

  
Herbert E. Long, Jr.

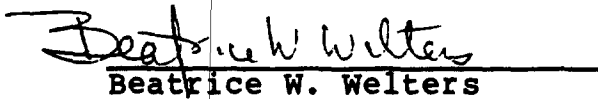
\_\_\_\_\_  
William E. Floyd

  
Herbert E. Long, III

\_\_\_\_\_  
Hazel M. Floyd

  
Lorraine H. Brown

\_\_\_\_\_  
Alicia Perkins

  
Beatrice W. Walters

\_\_\_\_\_  
Odessa Floyd

\_\_\_\_\_  
Diane J. Duggin

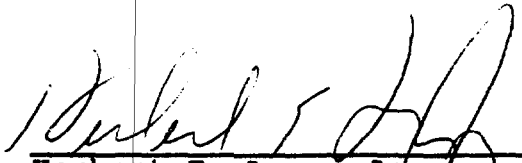
\_\_\_\_\_  
James Floyd, Sr.

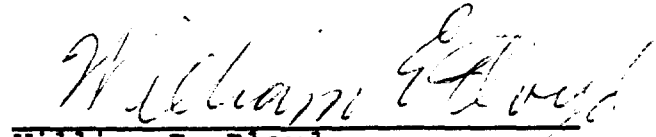
  
Eldridge Smith

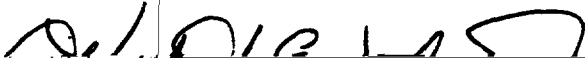
\_\_\_\_\_  
William Thompson

\_\_\_\_\_  
Nicholas Perkins

IN WITNESS WHEREOF, the following parties hereby  
execute this Agreement.

  
Herbert E. Long, Jr.

  
William E. Floyd





## EXHIBIT 2

Herbert E. Long, Jr. was President, Director, and 20.39% stockholder in Potomac Broadcasting Corporation which filed applications for construction permits for standard broadcast station WGMS, Bethesda, MD (BP-0830510AK) and station WGMS-FM, Washington, DC (BPH-830510AM). These applications were dismissed by the Commission in MM Docket No. 84-1148, et. al., 65 RR 2d 245 (1988), pursuant to a settlement approved by the Commission in the various RKO renewal proceedings. Mr. Long was also a partner in LBW Partnership which was a 13.75% limited partner in Los Angeles Television Partnership, a California Limited Partnership (LATV), which tendered for filing in 1986 and 1988 an application for construction permit for a new television station in Los Angeles, CA. The LATV application was dismissed by the Commission in Docket No. 16679, see 65 RR 2d 192 (1988), 65 RR 2d 711 (1988), and 65 RR 2d 1548 (1989). LATV's court appeal of these Commission actions was dismissed pursuant to an agreement approved by and announced by the Commission in FCC 89-259, released August 4, 1989.

**EXHIBIT 3**

Herbert E. Long, Jr. is the father of Herbert E. Long, III. Lorraine H. Brown is the niece of William E. Floyd and James Floyd, Sr., who are brothers, and Ms. Brown is the sister of Alicia Perkins, whose son is Nicholas Perkins. William Thompson is a nephew of William E. Floyd and James Floyd, Sr., and cousin to Ms. Brown and Ms. Perkins.

Each party has made his/her initial capital contribution and agrees to pay the remainder of his/her capital contribution in response to capital calls by the Board of Directors. Capital calls shall be paid within twenty (20) days of such notice. In the event any stockholder is delinquent on any capital call the Board of Directors may declare such stock interest and certificate forfeited without repayment, and said stock shall then become available for purchase by the remaining stockholders on a pro-rata basis for payment of any delinquency and agreement to pay the remaining capital calls for such stock.

In the event of death of any stockholder, his/her heirs or estate may succeed to the deceased stockholder's interest by becoming a signatory to this agreement and by committing to fulfill the remainder of the deceased stockholder's financial commitment undertaken herein. In the event the heirs or estate of a deceased stockholder decline to succeed to the deceased stockholder's interest, then the other stockholders shall have the right, on a pro-rata basis, to acquire such interest by reimbursing the heirs or estate the total amount paid in by the deceased stockholder and by committing to fulfill

8. Distribution of Profits. The net profits derived from the operation of the corporate property shall be distributed among the Stockholders in proportion to their ownership interests. Before making any actual distribution, the Directors shall set aside from the income of the Corporation adequate reserves to meet reasonably anticipated replacement, repair, and emergency needs of the corporate property.

9. Transfers and Restrictions on Transfers of Shares.

(a) The Stockholder, or his personal representative, who intends to sell, assign or otherwise transfer all or any portion of his capital interest in the Corporation or his interest in the Corporation's profits, losses, net gains and distributions, for cash or other consideration, shall first notify the other Stockholders and the Corporation in writing of such proposed sale, assignment or other transfer, setting forth the name of the proposed assignee and the price and other terms of the proposed sale, assignment or other transfer.

The Stockholders shall have ten (10) days after receiving said notice within which to elect to purchase such interest. If any Stockholder elects to purchase such interest, the Stockholder so electing shall purchase that proportion of the interest so offered as his equity interest bears to the aggregate equity interests of the

other Stockholders.

If the Stockholders elect to purchase the interest as aforesaid, the interest shall be sold to said party at the price and upon the terms and conditions set forth in the written notice. If the Stockholders do not elect to purchase the entire interest so offered, the selling Stockholder shall have the right to complete the sale, transfer or assignment to the assignee named and at the price and other terms set forth in the written notice, within six (6) months after giving such notice. If the sale is not consummated as aforesaid, the selling Stockholder shall make a sale, assignment or transfer only in conformity with this Section.

Notwithstanding anything else contained in this subsection (a), the Stockholder, or his representative, may sell, transfer, or assign his capital interest in the Corporation or interest in Corporation profits, losses, net gains and distributions to anyone in his immediate family or to a Corporation which is family owned, a lineal descendant, or a trust administered primarily for the benefit of any such person(s) without first offering the interest to the other Stockholders.

(b) If the Corporation's stock is transferred, thereby effecting a substitution of any Stockholder, such transfer shall only become effective upon the transferee's execution and acknowledgement of such



**EXHIBIT 1**  
**STOCK SUBSCRIPTION AND STOCKHOLDERS**  
**AGREEMENT OF**  
**ALLEGHENY COMMUNICATIONS GROUP, INC.**  
**(a Close Corporation)**

By this Stock Subscription and Stockholders Agreement (the "Agreement") of ALLEGHENY COMMUNICATIONS GROUP, INC., dated as of June 12, 1991, Herbert E. Long, Jr., Herbert E. Long, III, Lorraine H. Brown, Beatrice W. Welters, Diane J. Duggin, Eldridge Smith, William E. and Hazel M. Floyd (Tenants By The Entirety), Alicia Perkins, Odessa and James Floyd, Sr. (Tenants By The Entirety), William Thompson, and Nicholas Perkins (the "Stockholders") now agree as follows:

1. Corporation. The parties have agreed to form a Delaware close corporation pursuant to Section 341 et seq. of the Delaware Corporation Law. These provisions shall govern the rights and liabilities of the Corporation, except as otherwise stated herein, or in the Corporation's By Laws, or Certificate of Incorporation.

2. Name. The name of the Corporation is Allegheny Communications Group, Inc.

3. Purpose. The Corporation is being formed for the purpose of prosecuting an application before the Federal Communications Commission for a construction permit for an FM broadcast station to operate on 93.7 MHz